

Etienne Jean-Paul Lefèvre-Forján

ID Number (France): G8X0NF1M1 | ID Number (Chile): 20.211.012-6
Nationalities: French & Chilean | Address: 35 rue Uranus, 13015 Marseille, France
Mobile Number: +33745013169 | Email: etienne.lefevre.forjan@gmail.com

Objectives

- To keep expanding my knowledge in astrophysics and contribute to research in that field.
- To obtain a PhD position that allows me to dedicate myself to scientific research in the field of exoplanets.

Education

MASTER IN FUNDAMENTAL PHYSICS | 2025-PRESENT | AIX-MARSEILLE UNIVERSITÉ

Started in September 2025, following the astrophysics path from the beginning of the year.

MASTER IN FUNDAMENTAL PHYSICS | 2024-2025 | UNIVERSITÉ PARIS CITÉ

Started in September 2024, with the objective of following the astrophysics path from the second semester of the master. Obtained a score of 16.5 out of 20 in the final exam and 12.14 out of 20 as overall grade.

BACHELOR'S DEGREE IN ASTRONOMY | 2018-2023 | PONTIFICIA UNIVERSIDAD CATÓLICA DE CHILE

Started in March 2018, with the objective of learning the necessary tools to eventually dedicate myself to scientific research. Obtained a score of 6.7 out of 7 in the final exam and 5.14 out of 7 as overall grade.

SECONDARY SCHOOL | 2017 | INSTITUTO RAFAEL ARIZTÍA, QUILLOTA

Scientific-humanist education, graduated in 2017 with grade 6.9 out of 7.

Skills

LANGUAGES

- Spanish (native).
- Fluent in English (level B2 certified in 2017 by the Instituto Chileno-Británico de Cultura and the Cambridge University, United Kingdom).
- Intermediate French (Franco-Chilean nationality).

INFORMATIC SKILLS

- Experience with Python programming since 2018.
- Experience with statistical and astronomical Python libraries, such as numpy, matplotlib, scipy, astropy, rebound & astroml.
- Basic use of Linux Operative System (Ubuntu, Windows Subsystem for Linux).
- Basic level in SQL, Ruby, C, PHP, JavaScript, CSS and HTML.
- Basic experience with astronomical software: IRAF, VIREO, Stellarium & DS9.

Work experience

INTERNSHIP | LAM - CNRS | MARCH 2026-PRESENT

Three-month internship at Marseille's Astrophysics Laboratory as part of my second year of master's studies. Team research about the impact of stellar activity over radial velocity exoplanet detections, supervised by Dr. Nathan Hara and Dr. Sophia Sulis.

INTERNSHIP | MEUDON OBSERVATORY - CNRS | 2025

Two-month internship at the Meudon Observatory as a part of my first year of master's studies. Team research about exoplanetary systems and the impact of stellar activity over astrometric detections, in charge of Dr. Anne-Marie Lagrange. Contribution as co-author for Destrieux et al. (in prep).

SCIENTIFIC RESEARCH | PONTIFICIA UNIVERSIDAD CATÓLICA DE CHILE | 2023-2025

The thesis project for my bachelor's degree derived into a publication project on exoplanet demographics with Dr. Gijs D. Mulders, published in July 2025 at *The Astrophysical Journal*, titled "Saturns, but not super-Jupiters, occur more frequently in the presence of inner super-Earths" (<https://doi.org/10.3847/1538-4357/ade715>).

PRIVATE LESSONS | INDEPENDENT WORK | 2023-2024

Private lessons in physics and mathematics for students from elementary school to university level.

WEB DEVELOPMENT | INDEPENDENT TEAMWORK | 2021

Participation in a web development project with other students for a flower-selling company (<https://belusoflor.com/>).

PRIVATE LESSONS | INDEPENDENT WORK | 2013-2017

Private lessons in physics, chemistry and mathematics for secondary school students.

Additional experience

- Participation as speaker in the conference "[On the shoulders of giants](#)" at Turin, March 2026. Talk titled "Only the least massive outer-giant planets occur more frequently in the presence of inner super-Earths".
- Participation at the "Festival d'Astronomie de Provence", worked answering questions and showing experiments to a general audience ranging all ages.